

# ANTICIPATED CONSTRUCTION ACTIVITIES AND IMPACTS

CONSTRUCTION OVERIVEW AND SCHEDULE	
Alternative No. 1 a, b, and c Fish Ladder Alternative	Alternative 2 New Weir Alternative
2 years of construction during a 3-year period <ul style="list-style-type: none"><li>Year 1 – construction in shoal area: preparation Feb thru Apr with construction May thru Dec</li><li>Year 2 – test ladder effectiveness</li><li>Year 3 – removal of old weir: preparation Feb thru Apr with construction May thru Sep</li></ul>	2 years of construction during a 2-year period <ul style="list-style-type: none"><li>Year 1 – construction in river for south side of new weir: preparation Feb thru Apr with construction May thru Sept</li><li>Year 2 – construction in river for north side of new weir: preparation Feb thru Apr with construction May thru Sept</li></ul>

CONSTRUCTION ACTIVITIES AND IMPACTS			
Alternative No. 1 a, b, and c Fish Ladder Alternative		Alternative 2 New Weir Alternative	
Construction Activity	Anticipated Impact	Construction Activity	Anticipated Impact
Staging Area		Staging Area	
Use Reclamation’s 19-acre site between CA Department of Fish and Game offices and Gold County Boulevard.	<ul style="list-style-type: none"><li>Visual impact from lighting and fencing</li><li>Restoration of staging area after project</li></ul>	Use Reclamation’s 19-acre site or use area between hatchery parking lot and river	<ul style="list-style-type: none"><li>Visual impact from lighting and fencing</li><li>Restoration of staging area after project</li></ul>
Borrow Area to Acquire Fill Material		Borrow Area to Acquire Fill Material	
Use Reclamation’s 19-acre site.	<ul style="list-style-type: none"><li>Visual impact from lighting and fencing</li><li>Restoration of borrow area after project</li><li>Soil erosion</li></ul>	No borrow area anticipated	No impacts anticipated
Stockpile Area		Stockpile Area	
No stockpile area needed.	<ul style="list-style-type: none"><li>No impacts anticipated</li></ul>	Use Reclamation’s 19-acre site	<ul style="list-style-type: none"><li>Visual impact from lighting and fencing</li><li>Restoration of staging area after project</li></ul>
Sheet Pile Driving		Sheet Pile Driving	
Pile driving of coffer dam for removal of existing weir	<ul style="list-style-type: none"><li>Noise</li><li>Exhaust emissions</li></ul>	Pile driving of coffer dam for construction of new weir and removal of existing weir	<ul style="list-style-type: none"><li>Noise</li><li>Exhaust emissions</li></ul>
Access to North Bank		Access to North Bank	
Access to north side of river during removal of existing weir.	<ul style="list-style-type: none"><li>To be determined</li></ul>	Access to north side of river to construct new weir and remove existing weir	<ul style="list-style-type: none"><li>To be determined</li></ul>
Truck and Equipment Traffic		Truck and Equipment Traffic	
Traffic from Hazel to staging area and from staging and borrow area to Nimbus Shoals	<ul style="list-style-type: none"><li>Increased surface street traffic</li><li>Reduced parking at hatchery</li><li>Traffic crossing bike path creating possible conflicts with regular users, marathons, salmon festival, others</li><li>Exhaust emissions</li></ul>	Traffic from Hazel to staging area and from staging area to construction site	<ul style="list-style-type: none"><li>Increased surface street traffic</li><li>Reduced parking at hatchery</li><li>Traffic crossing bike path creating possible conflicts with regular users, marathons, salmon festival, others</li><li>Exhaust emissions</li></ul>
Other Construction Activities		Other Construction Activities	
Cut and fill to build fish ladder	<ul style="list-style-type: none"><li>Soil erosion</li><li>Noise</li><li>Exhaust emissions</li></ul>	<ul style="list-style-type: none"><li>No other construction activities anticipated</li></ul>	No impacts anticipated

